



# CHRISTIE DS+ Series

*Bright, Detailed Images and Plenty of Power in a Compact Size*

## Uses

Conference rooms  
Rental/Staging  
Houses of Worship  
Boardrooms  
Training rooms  
Tradeshows

The Christie DS+ Series offers exceptional image quality and detail in a choice of two compact packages for pure presentation power. The smallest, high-performance 3-chip DLP® product on the market, the Christie DS+ Series offers 6,500 or 8,500 ANSI lumens and the pinnacle of image color accuracy and adjustability – in an easy to use, flexible format.

The Christie DS+ Series features SXGA+ resolution and a variable contrast ratio of 1600-2000:1 for brilliantly crisp, detailed images. With DLP® technology, high-quality optics and 10-bit image processing the Christie DS+ Series is ideal for applications that require big, bright displays.

Best price-performance on the market, most reliability, lowest cost of ownership, best warranties available and renowned customer service all add up to peace of mind with Christie.

The Christie DS+ Series – easy to install, easy to use, easy to maintain.

# DS+ Series



The Christie DS+ Series is ideal for applications where image color and clarity are paramount. When images need to speak volumes, these projectors deliver high brightness, excellent color and brightness uniformity.

NASA's Jet Propulsion Laboratory (JPL) has installed two Christie DLP® projectors as part of a recent renovation of the Laboratory's Executive Conference Room. The room features state-of-the-art technology and is the main setting for meetings and conferences by JPL's top decision makers and staff. The Executive Conference Room represents another successful installation at JPL for Christie. Last year, JPL installed Christie DLP® projectors in the von Karman Auditorium in Pasadena, California, to display mission images in briefings with members of the international press.

## Display Technology

Featuring high-quality DLP® technology, the Christie DS+ Series has proven to be the world's favorite 3-chip, DLP® projector series. Highly reliable, low maintenance, DLP technology delivers high brightness and uniformity, unsurpassed color and control capabilities. The 3-chip SXGA+ engines are driven by Xenon illumination and deliver superior image quality and color repeatability.

## Image Quality and Processing

With 10-bit image processing, the Christie DS+ Series offers high bandwidth signal processing, supporting functionality such as Picture in Picture and seamless switching between sources.

## Image Blending

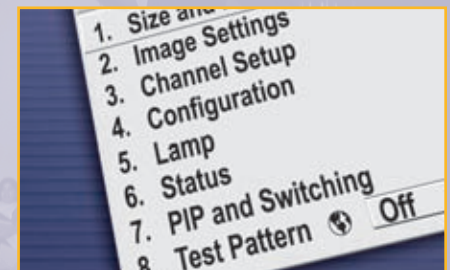
For added ease of blending in tiled applications, Digital Black Level Adjustment lets you match the blended (gutter) black levels with the non-blended black levels – whether multiple projectors on a single screen, or multiple screen displays.

## Ease of Use

A user-friendly Graphic User Interface (GUI) makes operation and set-up of the entire Christie DS+ Series uncomplicated. The GUI enables full and easy control of the projector. Multiple control options let you choose what's best for your application – built-in IR and wired remote keypad; RS-422 or RS-232 control; or through ChristieNET™ via the Ethernet port. Motorized lens functions provide power focus, zoom, horizontal and vertical offset – all at the touch of a button. Auto set-up instinctively recognizes sources and sets up correct brightness, contrast and position.

## Serviceability

Operation and maintenance of this Series is easy as well. Field-alignable DMDs and a cleanable optical engine put full control in the hands of the user. Replacement lamp costs are low and Christie offers the best warranties on the market – 2 years parts and labor (excluding lamp).







For total projector monitoring and control the Christie DS+ Series features the widest source compatibility and has built-in Ethernet networking for full compatibility with ChristieNET™.



With either 1kW or 1.2kW, the Christie DS+ Series features user-replaceable, CERMAX® Xenon pre-aligned lamp modules with adjustable lamp power for lower brightness. The stable color temperature over the course of the lamp life and the power range provides the best lamp technology for color matching across multiple screens.



The Christie DS+ Series features a contrast ratio of 1600-2000:1 full field (450:1 ANSI minimum). With the motorized IRIS, you can adjust for high contrast ratio and better black levels, making these projectors ideal for any given application.

## Accessories

### STANDARD:

- IR keypad (w/batteries)
- Line cord
- User manual

### OPTIONAL:

- Fixed lenses: 0.73:1, 1.2:1
- Zoom lenses: 1.45–1.8:1, 1.8–2.5:1, 2.5–4.5:1, 4.5–7.3:1
- ChristieTWIST™ Image Warping Module with enhanced edge-blending
- Dual SD/HD-SDI, DVI, SDI and RGB interface modules
- Wire remote control
- Remote IR sensor
- Ethernet, RS-232, RS-422 cables
- Service manual
- KoRE™ 10-bit librarian
- Lens adapter (may be used with competitors' lenses)
- Sound baffle kit
- Stacking cage
- Handles

## INPUTS

The Christie DS+ Series offers installation flexibility and compatibility with any data, video or HDTV source in use today, from VGA to QXGA. The multi-standard video decoder and, horizontal and vertical scaling of all inputs gives you the ability to connect to virtually anything.

RGBHV/YpPr via 5 BNC

DVI-I for digital/analog RGB/YpPr (HDCP)

One composite video, one S-Video

Two optional slots for analog/digital modules

2 RS-232 ports, 1 RS-422 port and 1 GPIO port

On-board ChristieNET™ connectivity (RJ45)

Built-in backlit keypad and IR remote control

## COMPETITIVE ADVANTAGES

- **Smallest, high-performance 3-chip DLP® product** – offers the pinnacle of image color accuracy and adjustability
- **CERMAX® Xenon lamp system** – provides repeatability of photo-realistic colors and ability to accurately color-match images
- **True 10-bit processing** – offers high-bandwidth signal processing
- **High Contrast Ratio** – at 1600-2000:1 via internal adjustable aperture (450:1 ANSI min)

An optional suite of specifically-designed high performance lenses includes both fixed and zoom lenses ranging from 0.73:1 through to a 7.3:1 zoom and features a durable lens mount with motorized horizontal and vertical offset.

With built-in light shutter, internal variable contrast aperture and quick lens insertion, the Christie DS+ Series is easy to work with.



# Christie DS+ Series Specifications



The Dual SD/HD-SDI Input Module is an optional module that allows for the connection of both a Standard Definition and a High Definition Serial Digital Input, each with its own loop-through.

Direct key access to the most-used major functions and auto set-up for automatic set-up of sources with correct brightness, contrast and position – means operation and set-up of the Christie DS+ Series are intuitive.

	DS+6K	DS+8K
<b>BRIGHTNESS</b>	<ul style="list-style-type: none"> <li>• 6500 ANSI lumens @ 200 VAC [7000 center lumens]</li> <li>• 5000 ANSI lumens @ 110 VAC [5500 center lumens]</li> <li>• 90% brightness uniformity (corrected)</li> </ul>	<ul style="list-style-type: none"> <li>• 8500 ANSI lumens typical [9350 center lumens]</li> <li>• 90% brightness uniformity (corrected)</li> </ul>
<b>CONTRAST RATIO</b>	<ul style="list-style-type: none"> <li>• 1600-2000:1 full field (adjustable iris)</li> <li>• 450:1 ANSI minimum</li> </ul>	<ul style="list-style-type: none"> <li>• 1600-2000:1 full field (adjustable iris)</li> <li>• 450:1 ANSI minimum</li> </ul>
<b>LAMP</b>	<ul style="list-style-type: none"> <li>• 1.0kW CERMAX® Xenon pre-aligned lamp module</li> <li>• 1500 hours (typical) lifetime</li> <li>• LiteLOC™ light output control</li> </ul>	<ul style="list-style-type: none"> <li>• 1.2kW CERMAX® Xenon pre-aligned lamp module</li> <li>• 1500 hours (typical) lifetime</li> <li>• LiteLOC™ light output control</li> </ul>
<b>POWER</b>	<ul style="list-style-type: none"> <li>• Rated Voltage: *100 VAC to 240 VAC @ 50/60 Hz</li> <li>• Rated Current: 10.4 A max</li> <li>• Power Consumption: 1100 W max @ 100 VAC 1275 W max @ 120 VAC 1350 W max @ &gt;130 VAC</li> <li>• Thermal Dissipation: 3757 BTU/hr @ 100 VAC 4354 BTU/hr @ 120 VAC 4610 BTU/hr @ &gt;130 VAC</li> <li>*At less than 130 VAC the product will turn down the ballast to compensate resulting in lower lumen output and lower power consumption.</li> </ul>	<ul style="list-style-type: none"> <li>• Rated Voltage: 200 VAC to 240 VAC @ 50/60 Hz</li> <li>• Rated Current: 10.0 A max</li> <li>• Power Consumption: 1600 W max</li> <li>• Thermal Dissipation: 5464 BTU/hr max</li> </ul>
<b>DIMENSIONS (excluding lens)</b>	<ul style="list-style-type: none"> <li>• Weight: 75 lb (34.0 kg)</li> <li>• Shipping weight: 120 lb (54.4 kg)</li> <li>• Size (L x W x H): 22.0 x 26.0 x 12.3"</li> <li>• (566 x 660 x 313mm)</li> </ul>	<ul style="list-style-type: none"> <li>• Weight: 80 lb (36.3 kg)</li> <li>• Shipping weight: 125 lb (56.7 kg)</li> <li>• Size (L x W x H): 22.0 x 26.0 x 12.3"</li> <li>• (566 x 660 x 313mm)</li> </ul>
<b>REGULATORY APPROVALS</b>	<ul style="list-style-type: none"> <li>• UL/CSA/IEC 60950-1</li> <li>• FCC Class A, CE, CCC, eK</li> </ul>	<ul style="list-style-type: none"> <li>• UL/CSA/IEC 60950-1</li> <li>• FCC Class A, CE, CCC, eK</li> </ul>

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Ideally suited for mid-sized conference rooms where bright, bold images are needed.

For the most current specification information, please visit [www.christiedigital.com](http://www.christiedigital.com)

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Performance specifications are typical. Due to constant research, specifications are subject to change without notice. Printed in Canada. 2142

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